

*Excellence in Electronics***TYPE
CK7246**

The CK7246 is a 500 megacycle, filament type triode of subminiature construction designed for use as a high frequency oscillator, Class C amplifier, superregenerative detector, frequency multiplier or mixer. It is particularly useful in applications requiring economy of space, weight and battery drain. The flexible terminal leads may be soldered or welded directly to the terminals of circuit components without the use of sockets. Standard subminiature sockets may be used by cutting the leads to a suitable length.

MECHANICAL DATAENVELOPE: T-2X3 GlassBASE: None (0.016" tinned flexible leads. Length: 1.5" min. spacing: 0.048" center-to-center)TERMINAL CONNECTORS: (Red dot is adjacent to lead 1)

Lead 1 Plate	Lead 3 Grid
Lead 2 Filament	Lead 4 Filament
(negative)	(positive)

MOUNTING POSITIONS: Any**ELECTRICAL DATA**DIRECT INTERELECTRODE CAPACITANCES: (μpfs)

Grid to Plate
Input
Output

RATINGS—ABSOLUTE MAXIMUM VALUES:

Filament Voltage (dc)
Plate Voltage
Plate Current
Grid Current
Grid Voltage
Plate Dissipation

CHARACTERISTICS AND TYPICAL OPERATION—CLASS A1 AMPLIFIER:

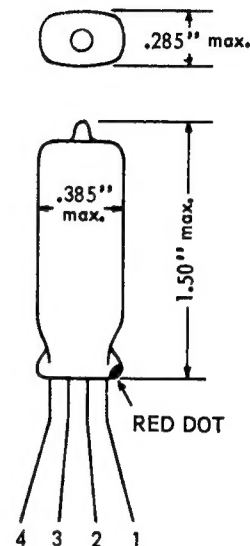
Filament Voltage (dc)
Filament Current
Plate Voltage
Grid Voltage
Transconductance
Amplification Factor
Plate Current

Without Shield

1.5
1.6
1.9

1.25 \pm 12%	volts
150	volts
7.5	ma.
1.2	ma.
-30	volts
0.7	watts

1.25	volts
150	ma.
105	volts
-2.5	volts
2700	μmhos
22	
4.5	ma



These data identify a particular developmental tube design and type designation or the descriptive data may be subject to change or abandonment.

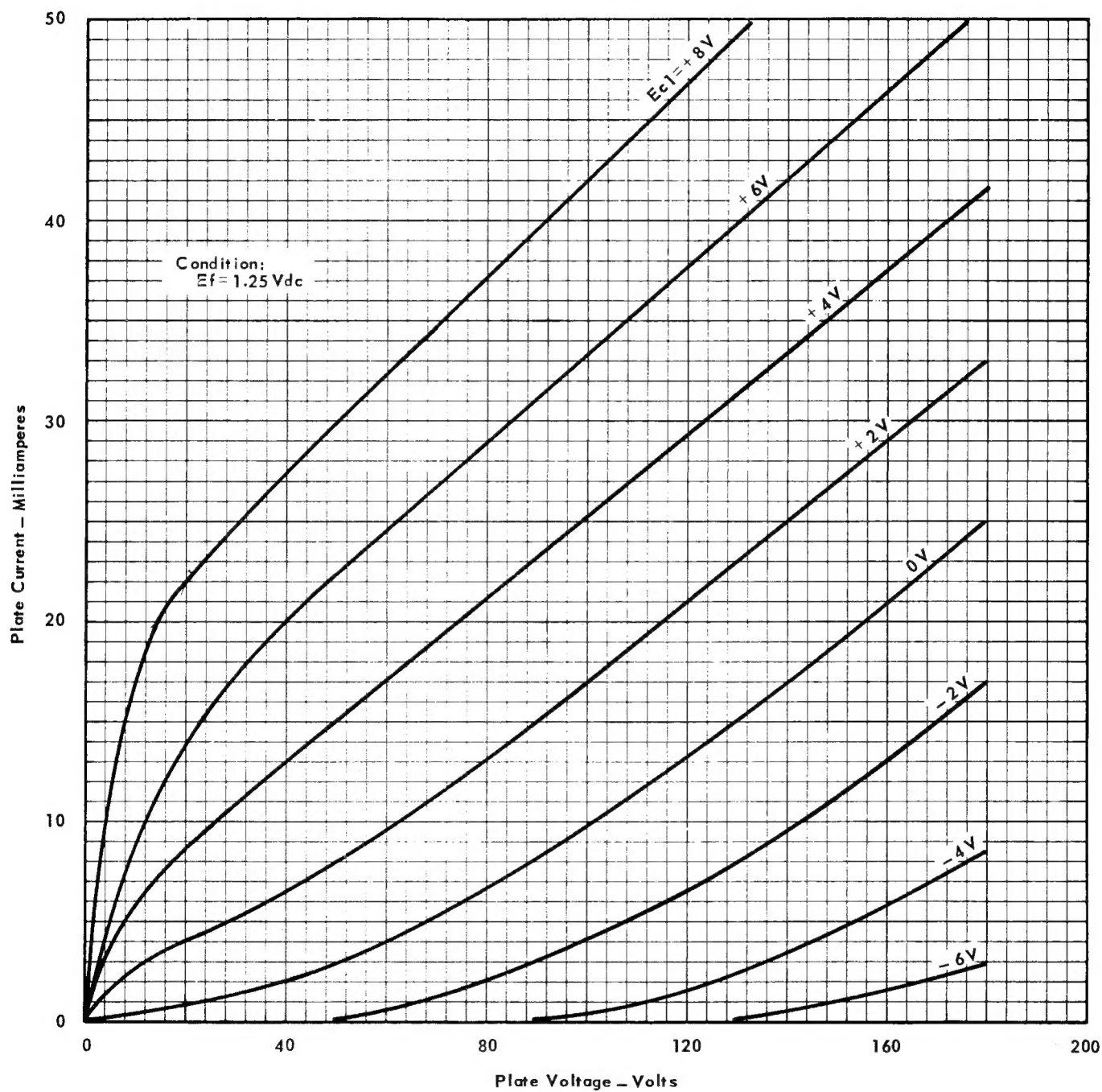
Objective Data

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SUBMINIATURE TRIODE

AVERAGE PLATE CHARACTERISTICS

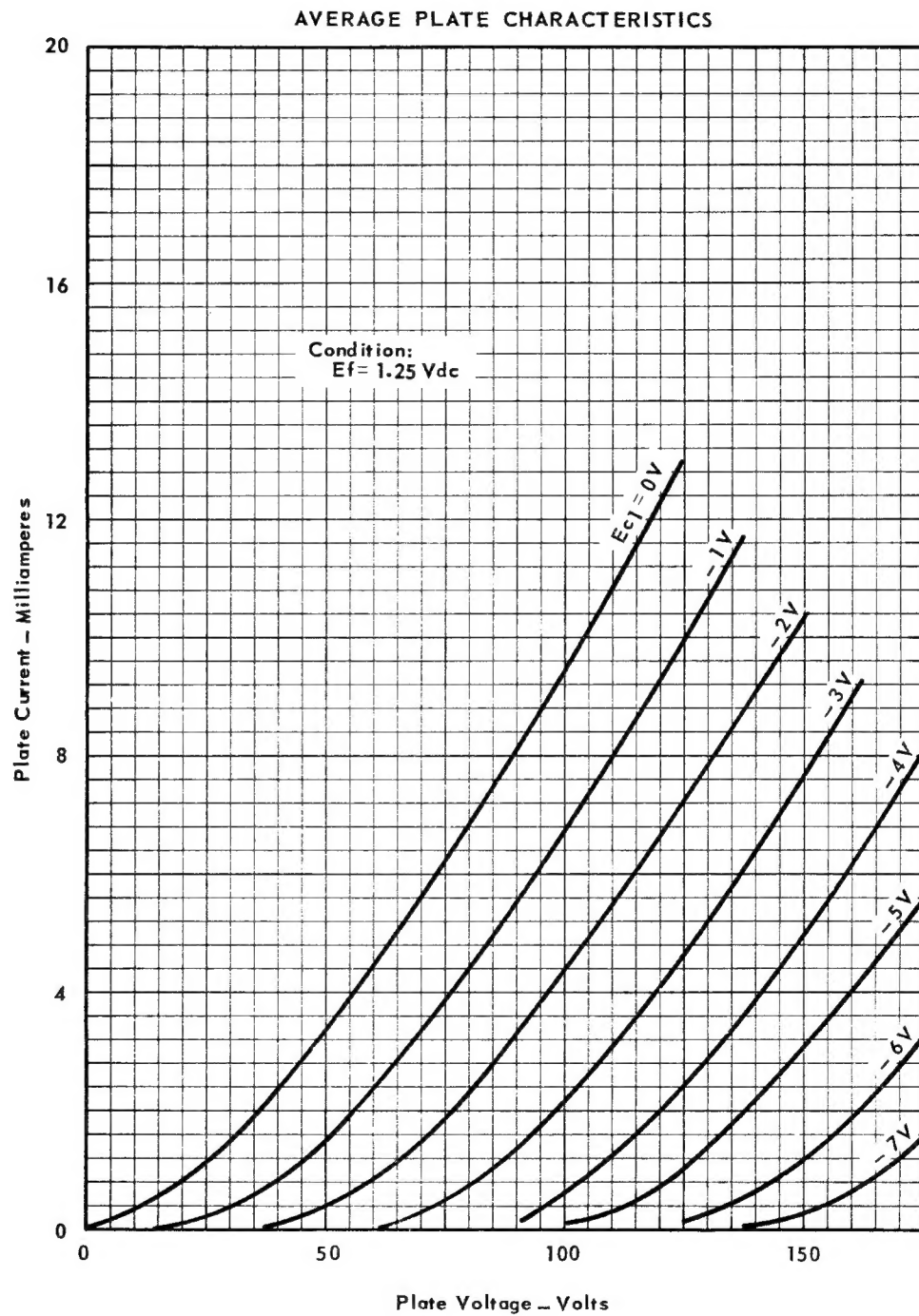


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55 CHAPEL ST., NEWTON 58, MASS.



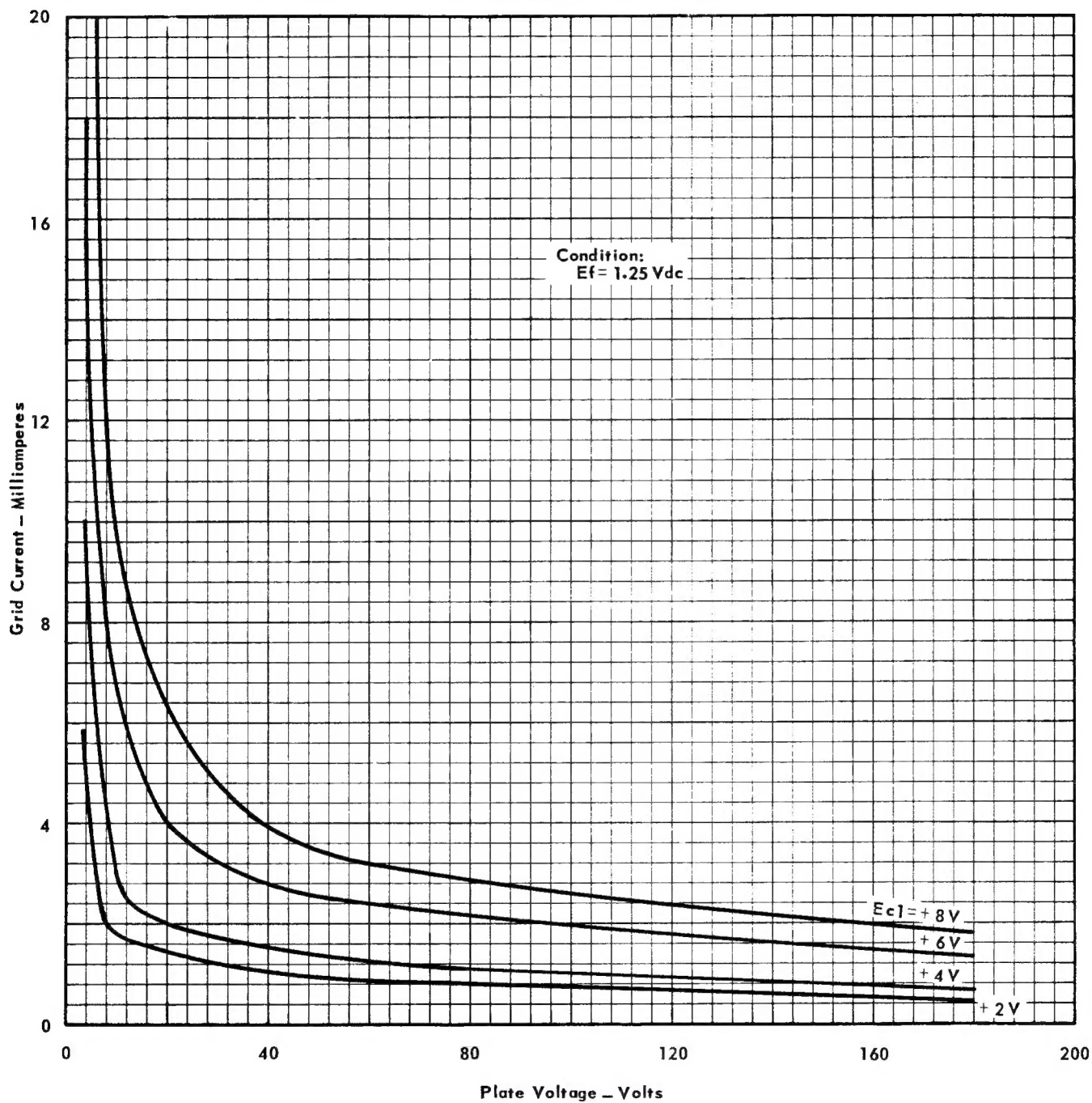
SUBMINIATURE TRIODE





SUBMINIATURE TRIODE

AVERAGE GRID CHARACTERISTICS



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RAYTHEON COMPANY

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SUBMINIATURE TRIODE

